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Group ID: E User ID: Ccholli KS: 5,383

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Warning [Pages Of US References:] page 7 has no references page 8 has no references Warning [Pages Of Foreign References:] page 1 has no references page 2 has no references page 3 has no references page 5 has no references page 7 has no references page 8 has no references Warning [Pages Of Other References:] page 2 has no references page 3 has no references page 4 has no references page 6 has no references

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Group ID: E

Page 1 User ID: Ccholli

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Yes/ No / No / No/

Microfiche Appendix CPA tag

No / No /

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Acknowledged: No

State Code: CA Country Code:

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**JACKET** 

SERIAL NUMBER FILING DATE CLASS SUBCLASS GAU

09/757,963 01/10/01 / 713/ 201 / 2131 /

FOREIGN PRIORITY

Country Document Number Date

DISCLAIMER

/ /

TITLE

Interoperability of vulnerability and intrusion detection systems

MICROFICHE APPENDIX

ASSISTANT EXAMINER:

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PRIMARY EXAMINER:

First: Middle: Last:

Sheikh / Ayaz 🗸

CLAIMS ALLOWED

Pat. No. 06005516 - 7 Group ID: E Issue Date: 08/30/04

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BLUE SLIP INFORMATION

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INDEP. CLAIMS TOTAL CLAIMS

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BLUE SLIP (Page 1)

INTERNATIONAL CLASSIFICATION

Class SubClass

G06F / 11/30 /

CROSS-REFERENCES

Class SubClass

713/ 200;202/

709 / 223;224 /

370 / 229;230;241;254;255

TERM EXTENSION

353

FIELD OF SEARCH

Class SubClass

713 201;200 Pat. No. 06005516 - 7 Group ID: E Issue Date: 08/30/04

User ID: Ccholli

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709/ 223;224

370 229;230;241;254;255

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PCT INFO

CONTINUING DATA (Page 1)

LINE CODE SERIAL NUMBER FILING DATE STATUS DOCUMENT NO. ISSUE DATE

104 68 60/175,332 01/10/2000 / /

REFERENCES (Page 1) SERIAL NUMBER: 09/757,963

FORM 892 /

U.S. REFERENCES

SubClass U.S. Pat No. Date Patentee Class

5,557,742 / 09/1996 Smaha et al. / 395 / 186/

379 / 32 / 5,699,403 / /12/1997 Ronnen /

Pat. No. 06005516 - 7 Group ID: E Issue Date: 08/30/04 User ID: Ccholli

Page 4

5,892,903	04/1999 Klaus 🖊		395	187.01
*6,185,689 / / / No issue date avai	02/2001 Todd, Sr. e ilable.	t al. 🖍	713 /	201 /
*6,269,447 / No issue date avai	07/2001 Maloney et ilable.	al. /	713 /	201
*6,324,656 / /: No issue date ava	11/2001 Gleichauf e ilable.	t al./	714 /	37/
*6,343,362 / / No issue date ava	01/2002 Ptacek et a ilable.	1./	713 /	201 /
*6,363,489 / / No issue date ava	03/2002 Comay et al ilable.	. /	713 /	201/
*6,415,321/ /0 No issue date ava:	07/2002 Gleichauf e ilable.	t al. /	709 /	224 ~

### FOREIGN REFERENCES

Foreign Doc No. Date Country Class SubClass

OTHER REFERENCE CITATIONS (incl. Author, Title, Date, Pertinent Pages, etc.) Johnson, Johna, Simulated Attack for Real Network Security, Nov. 1995, Data Communications, pp. 31-32.

Anderson, Teresa, Hunting for Holes, Apr. 1996, Security Manangement,

pp. 1-2. 1

Breyfogle, Stacey, Don[3 t Stop at Your Servers, Jan. 1998, Software Magazine, pp. 1-3. ~

\_\_\_\_\_\_\_

Microsoft Computer Dictionary, 2002, Microsoft Press, Fifth Edition, pp. 31,256, 378, 405.

REFERENCES (Page 2) SERIAL NUMBER: 09/757,963 FORM 892 /

U.S. REFERENCES

Pat. No. 06005516 - 7 Group ID: E Issue Date: 08/30/04 User ID: Ccholli

Page 5

U.S. Pat No.	Date	Patentee	<u>Class</u>	SubClass
*6,484,315 No issue date		Ziese /	717 ~	173 /
*6,609,205 / No issue date	/08/2003 available.	Bernhard et al.	713~	201 /

### FOREIGN REFERENCES

Foreign Doc No. Date Country Class SubClass

OTHER REFERENCE CITATIONS (incl. Author, Title, Date, Pertinent Pages, etc.)

\_\_\_\_\_\_

### REFERENCES (Page 3) SERIAL NUMBER: 09/757,963 FORM 1449 /

U.S. REFERENCE DUS. Pat No.		<u>Patentee</u>	Class	<u>SubClass</u>
*6,298,445 / No issue date	'10/2001 available.	Shostack et al. /	713	201
*6,477,651 No issue date		Teal /	713 /	200 /
*6,711,127 / No issue date		Gorman et al. /	370 /	230 /

# FOREIGN REFERENCES

Foreign Doc No. Date Country Class SubClass

OTHER REFERENCE CITATIONS (incl. Author, Title, Date, Pertinent Pages, etc.)

# REFERENCES (Page 4) SERIAL NUMBER: 09/757,963 FORM 892

U.S. REFERENCE	IS.			
U.S. Pat No.	Date	Patentee	<u>Class</u>	SubClass
5,919,257/	<b>/</b> 07/1999	Trostle /	713 ′	200 /
5,923,646/	/07/1999	Mandhyan /	370 /	254 /
5,961,644/	/10/1999	Kurtzberg et al. /	713 /	200 🗸
*6,470,384/ No issue date		O[3 Brienset al.	709 ~	223 -

Pat. No. 06005516 - 7 Group ID: E Page 6
Issue Date: 08/30/04 User ID: Ccholli

224 /

\*6,708,212 / 03/2004 Porras et al. / 709 /

No issue date available.

\*6,735,169/ \( \sqrt{05}/2004 \) Albert et al. \( \sqrt{370} \sqrt{229} \)

No issue date available.

\*6,771,597 / 08/2004 Makansi et al. / 370 / 230/

No issue date available.

\*6,775,657 \( \sqrt{08}/2004 \) Baker \( \sqrt{98} \)

No issue date available.

FOREIGN REFERENCES

Foreign Doc No. Date Country Class SubClass

WO0184270A2 / 08/2001 WOX /

WO0219661A2 - -03/2002 WOX - H04L - 29/06 -

WO0310617A1 / /12/2003 WOX - G06F / 11/30 <

OTHER REFERENCE CITATIONS (incl. Author, Title, Date, Pertinent Pages, etc.)

REFERENCES (Page 5) SERIAL NUMBER: 09/757,963 FORM 1449

U.S. REFERENCES

U.S. Pat No. Date Patentee Class SubClass

No issue date available.

\*6,088,804 / /07/2000 Hill et al. /

No issue date available.

6,006,328 / 12/1999 Drake /

5,388,211 < \( \cdot 02/1995 \) Hornbuckle <

FOREIGN REFERENCES

Foreign Doc No. Date Country Class SubClass

OTHER REFERENCE CITATIONS (incl. Author, Title, Date, Pertinent Pages, etc.)

Ristenbatt, Martin P., Methodology For Network Communication

Vulnerability Analysis, IEEE, 1988, pp. 493-499.

\_\_\_\_\_\_

Pat. No. 06005516 - 7 Group ID: E
Issue Date: 08/30/04 User ID: Ccholli

Skaggs, B., et al., Network Vulnerability Analysis, IEEE, 2002, pp.

493-495.

Thatcher, Michelle, Keeping Your Technology Secure, Technology & Learning, Apr. 2002, pp. 38, 40, 42 and 44.

# REFERENCES (Page 6) SERIAL NUMBER: 09/757,963 FORM 1449 /

#### U.S. REFERENCES U.S. Pat No. Date Patentee Class SubClass

5,278,901 /01/1994 Shieh et al./

5,796,942 / 08/1998 Esbensen /

5,798,706/ /08/1998 Kraemer et al. <

<1,3>5,892,903 <04/1999 Klaus <

5,931,946 /08/1999 Terada et al. /

5,958,015 / 09/1999 Dascalu /

5,991,881/ /11/1999 Conklin et al./

\*<1,4>6,185,689 '02/2001 Todd, Sr. et al. " No issue date available.

No issue date available.

\*6,279,113/ '08/2001 Vaidya'

No issue date available.

\*6,282,546 / 08/2001 Gleichauf et al. / No issue date available.

\*<3,1>6,298,445 10/2001 Shostack et al. No issue date available.

\*6,301,668 / /10/2001 Gleichauf et al. / No issue date available.

\*6,321,338/ '11/2001 Porras et al. /

Group ID: E User ID: Ccholli

Pat. No. 06005516 - 7 Issue Date: 08/30/04

No issue date available.

\*<1,6>6,324,656 11/2001 Gleichauf et al. No issue date available.

\*6,330,562 / 12/2001 Boden et al. No issue date available.

\*<1,7>6,343,362 01/2002 Ptacek et al. No issue date available.

\*6,347,376 / 02/2002 Attwood et al. / No issue date available.

\*6,359,557 ' 03/2002 Bilder' No issue date available.

\*<1,8>6,363,489 03/2002 Comay et al. No issue date available.

\*6,370,648 ' '04/2002 Diep' No issue date available.

\*6,408,391  $\prime$  06/2002 Huff et al. No issue date available.

2002/0133721 <a href="#">709/2002 Adjaoute</a>

FOREIGN REFERENCES

Foreign Doc No. Date Country Class SubClass

WO 01/31420 A2 05/2001 WOX ~

WO 02/45380 A2 / /06/2002 WOX /

OTHER REFERENCE CITATIONS (incl. Author, Title, Date, Pertinent Pages, etc.)

REFERENCES (Page 7) SERIAL NUMBER: 09/757,963

FORM 1449 /

U.S. REFERENCES

U.S. Pat No. Date Patentee Class SubClass

FOREIGN REFERENCES

Foreign Doc No. Date Country Class SubClass

OTHER REFERENCE CITATIONS (incl. Author, Title, Date, Pertinent Pages, etc.)

Abstract, W. Erhard, et al., [37 Network Traffic Analysis and Security

Page 8

Monitoring With UniMon[38 , Proceeding of the IEEE Conference on High Performance Switching and Routing, 2000, ATM 2000, pp 439-446 (Jun. 2000).

Abstract, Dept. of Comput. Sci., California Univ., Davis, CA, USA, [37] A Methodology For Testing Intrusion Detection Systems[38 , IEEE Transactions on Software Engineering, vol. 22, Issue 10, pp 719-729 (Oct. 1996).

Abstract, Mounji A. Le Charlier, et al., [37 Distributed Audit Trail Analysis[38 , Proceeding of the Symposium on Network and Distributed System Security, 1995, pp 102-112 (Feb. 16-17, 1995).

Abstract, L. T. Heberlein, et al., [37 A Network Security Monitor[38] [0 Proceeding of the 990 IEEE Computer Society Symposium on Research in Security and Privacy, pp 296-04, (May 7-9, 1990).

Abstract, Xinzhou Quin et al., [37 Integrating Intrusion Detection and Network Management[38 , Network Operation and Management Symposium, 2002, NAOMS 2002. 2002 IEEE/IFIP, pp 329-344 (Apr. 15-19, 2002).

Abstract, D.G. Schwartz et al., [37 A Case-Based Approach To Network Intrusion Detection[38 , Proceeding of the 5th International Conference on Information Fusion, 2002, vol. 2 pp 1084-1089 (Jul. 8-11, 2002).

-a Computer Abstract, [37 Open Source Security: Opportunity or Oxymoron[49 [38 [0] vol. 35, Issue 3, pp 18-21 (Mar. 2002).

Issue Date: 08/30/04

Group ID: E User ID: Ccholli

Abstract, Liu Dihua, et al. [37 Data Mining For Intrusion Detection[38 , Proceedings ICII 2001[13 Beijing 2001 International Conference on Info-Tech and Info-Net, 2001, vol. 5, pp 7-12, (Oct. 29-Nov. 2001). Abstract, Kai Hwang & M. Gangadharan, [37 Micro-Firewalls for Dynamic Network Security With Distributed Intrusion Detection[38 , NCA 2001 IEEE International Symposium on Network Computing And Applications, 2001. pp 68-79, (Oct. 8-10, 2001).

Abstract, Wenke Lee Stolfo, et al., [37 Real Time Data Mining-Based Intrusion Detection[38 , Proceedings DARPA Information Survivability Conference & Exposition II, 2001, DISCEX [3 01. vol. 1, pp 89-100 (Jun. 12-14, 2001).

# REFERENCES (Page 8) SERIAL NUMBER: 09/757,963 FORM 1449 /

Symposium on, pp. 296-304, (May 7-9, 1990).

### U.S. REFERENCES

U.S. Pat No. <u>Date</u> Patentee Class SubClass

### FOREIGN REFERENCES

Foreign Doc No. Date Country Class SubClass

OTHER REFERENCE CITATIONS (incl. Author, Title, Date, Pertinent Pages, etc.) Abstract, J. Burns, et al. Automatic Management Of Network Security Policy, Proceedings DARPA Information Survivablity Conference & Exposition II 2001, DISCEX [3 01. vol. 2, pp 1-26, (Jun. 12-14, 2001). Abstract, Heberlein, et al. [37 A Network Security Monitor[38 , 1990, Proceedings Research in Security & Privacy 1990 IEEE Computer Society

## REFERENCES (Page 9) SERIAL NUMBER: 09/757,963 FORM 1449 /

U.S. Pat No.		****	Class	SubClass
<1,3>5,892,903	04/1999	Klaus /	395 /	187.01
5,136,523/			395″	54~
<6,1>5,278,901	<i>-</i> 01/1994	Shieh et al. <	380 /	4 -
5,802,320 ~	09/1998	Baehr et al. /	395 /	200.79 -

# FOREIGN REFERENCES

Foreign Doc No. <u>Date</u> Country Class SubClass

OTHER REFERENCE CITATIONS (incl. Author, Title, Date, Pertinent Pages, etc.) Rebecca Bace, Infidel, Inc. [37 An Introduction to Intrusion Detection and Assessment[38 , 1999, 38 pages. -

Fyodor, [37 Remote OS detection via TCP/IP Stack Finger Printing[38, October 18, 1998, 10pages. -

\*\*\*\*\*